



Certificate of Analysis

May 25, 2021 | TRULIEVE

6749 BEN BOSTIC ROAD
Quincy, FL, 32351, US


Sample:GA10519002-005

Harvest/Lot ID: 15928_0000432056

Cultivation Facility: Quincy Cultivation

Processing Facility : Midway Processing

Seed to Sale #19246_0000432056

Batch Date :05/19/21

Batch#: 19246_0000432056

Sample Size Received: 45.5 gram

Total Weight/Volume: 3233 gram

Retail Product Size: 3.5 gram

Ordered : 05/19/21

sampled : 05/19/21

Completed: 05/25/21

Sampling Method: SOP.T.20.010

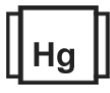
PASSED

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PRODUCT IMAGE



SAFETY RESULTS


Pesticides
PASSED

Heavy Metals
PASSED

Microbials
PASSED

Mycotoxins
PASSED

Residuals
Solvents
NOT TESTED

Filtration
PASSED

Water Activity
PASSED

Moisture
PASSED

Terpenes
TESTED

CANNABINOID RESULTS


Total THC
25.518%
TOTAL THC/Container :893.137 mg

Total CBD
0.070%
TOTAL CBD/Container :2.462 mg

Total Cannabinoids
30.006%
Total Cannabinoids/Container :1050.220 mg

	CBDV	CBD	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	ND	0.0800	0.7000	0.0850	ND	ND	ND	0.4240	ND	0.1019	28.6130
mg/g	ND	0.8000	7.0000	0.8500	ND	ND	ND	4.2400	ND	1.0200	286.1300
LOD	0.0010	0.0010	0.0010	0.0010	0.0001	0.0010	0.0010	0.0001	0.0010	0.0010	0.0010
%	%	%	%	%	%	%	%	%	%	%	%

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
2338	0.2032g	05/19/21 04:05:31	2206
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 05/20/21 13:27:48	Batch Date : 05/19/21 09:03:38
Analytical Batch -GA026292POT		Instrument Used : GA-HPLC-001 2030C Plus (Carl)	

Reagent	Dilution	Consums. ID
060920.24	40	282066106
012921.01		VAV-09-1020 Lot# 947.077
051221.R15		6970145500298
051321.R10		190624060
		16466-042

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L).

Filtration	PASSED
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Analyzed By	Weight	Extraction date	Extracted By
2206	42.7g	05/19/21	2206
Analyte		LOD	Result
Filtration and Foreign Material		0.1	ND
Analysis Method -SOP.T.40.013		Batch Date : 05/19/21 16:03:17	
Analytical Batch -GA026330FIL		Reviewed On - 05/20/21 08:43:49	
Instrument Used : GA-Filtration/Foreign Material Microscope			

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is used for inspection.

Water Activity	PASSED
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Analyte	Analyzed by Weight	Ext. date	LOD	A.L.	Result
WATER ACTIVITY	2821	05/20/21	0.01 aw	0.65aw	0.529aw
Analysis Method -Water Activity					
SOP.T.40.010		Batch Date : 05/20/21 10:32:22			
Analytical Batch -GA026360MOT		Reviewed On - 05/20/21 13:30:54			
Instrument Used : GA-085 Rotronic HygroPalm					

Moisture	PASSED
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Analyte	Analyzed by Weight	Ext. date	LOD	A.L.	Result
MOISTURE CONTENT	2820	05/20/21	1%	15%	12.320%
Analysis Method -Moisture					
Analysis SOP.T.40.011		Batch Date : 05/20/21 10:20:35			
Analytical Batch -GA026360MOT		Reviewed On - 05/20/21 13:29:05			
Instrument Used : GA-084 Moisture Analyzer					

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Rob Bruton
Lab Director

State License # CMTL-0001
ISO Accreditation # ISO/IEC
17025:2017 Accreditation
PJLA-Testing 97164

Signature

05/25/21

Signed On



Certificate of Analysis

PASSED

 6749 BEN BOSTIC ROAD
 Quincy, FL, 32351, US
Telephone: (850) 777-3026
Email: Carlos.Ledezma@trulieve.com

Sample : GA10519002-005
Harvest/LOT ID: 15928_0000432056
Batch# : 19246_0000432056
Sampled : 05/19/21
Ordered : 05/19/21

Sample Size Received : 45.5 gram
Total Weight/Volume : 3233 gram
Completed : 05/25/21 **Expires:** 05/25/22
Sample Method : SOP.T.20.010

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Terpenes

TESTED

Terpenes	LOD(%)	mg/g	%	Result (%)	Terpenes	LOD(%)	mg/g	%	Result (%)
CAMPHENE	0.007	ND	ND		TERPINEOL	0.007	ND	ND	
BETA-MYRCENE	0.007	1.076	0.107		GERANIOL	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	ND	ND		PULEGONE	0.007	ND	ND	
3-CARENE	0.007	ND	ND		ALPHA-CEDRENE	0.007	ND	ND	
OCIMENE	0.007	ND	ND		ALPHA-HUMULENE	0.007	1.685	0.168	
EUCALYPTOL	0.007	< 0.2	< 0.020		TRANS-NEROLIDOL	0.007	ND	ND	
LINALOOL	0.007	0.930	0.093		GUAJOL	0.007	ND	ND	
FENCHONE	0.007	ND	ND						
ISOPULEGOL	0.007	ND	ND						
ISOBORNEOL	0.007	ND	ND						
HEXAHYDROTHYMOL	0.007	ND	ND						
NEROL	0.007	ND	ND						
GERANYL ACETATE	0.007	ND	ND						
BETA-CARYOPHYLLENE	0.007	9.505	0.950						
VALENCENE	0.007	ND	ND						
CIS-NEROLIDOL	0.007	ND	ND						
CARYOPHYLLENE OXIDE	0.007	ND	ND						
CEDROL	0.007	ND	ND						
FARNESENE	0.007	2.475	0.247						
ALPHA-BISABOOL	0.007	ND	ND						
ALPHA-PINENE	0.007	ND	ND						
SABINENE	0.007	ND	ND						
BETA-PINENE	0.007	ND	ND						
ALPHA-TERPINENE	0.007	ND	ND						
LIMONENE	0.007	2.013	0.201						
GAMMA-TERPINENE	0.007	ND	ND						
TERPINOLENE	0.007	ND	ND						
SABINENE HYDRATE	0.007	ND	ND						
FENCHYL ALCOHOL	0.007	ND	ND						
CAMPHOR	0.013	ND	ND						
BORNEOL	0.013	ND	ND						
Total (%)		1.768							



Terpenes

TESTED
Analyzed by 1541 **Weight** 1.0025g **Extraction date** 05/19/21 04:05:02 **Extracted By** 2206

Analysis Method -SOP.T.40.090
Analytical Batch -GA026288TER **Reviewed On** - 05/25/21 08:44:31
Instrument Used : GA-GCMS-002 QP2010S
Running On : 05/20/21 14:32:23
Batch Date : 05/19/21 08:34:13

Reagent	Dilution	Consums. ID
060920.24	10	282066106
122320.01		VAV-09-1020 Lot# 947.077
		6970145500298
		P734631 / P7411895
		16466-042

Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography - Mass Spectrometer) which can screen 38 terpenes using Method SOP.T.40.091 Terpenoid Analysis Via GC/MS.



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Harvest/LOT ID: 15928_0000432056
Batch# : 19246_0000432056
Sampled : 05/19/21
Ordered : 05/19/21

Sample Size Received : 45.5 gram
Total Weight/Volume : 3233 gram
Completed : 05/25/21 **Expires:** 05/25/22
Sample Method : SOP.T.20.010

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Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.1	ND	PROPOXUR	0.01	ppm	0.1	ND
ACEPHATE	0.01	ppm	0.1	ND	PYRETHRINS	0.05	ppm	0.5	ND
ACEQUINOCYL	0.01	ppm	0.1	ND	PYRIDABEN	0.02	ppm	0.2	ND
ACETAMIPRID	0.01	ppm	0.1	ND	SPIROMESIFEN	0.01	ppm	0.1	ND
ALDICARB	0.01	ppm	0.1	ND	SPIROTETRAMAT	0.01	ppm	0.1	ND
AZOXYSTROBIN	0.01	ppm	0.1	ND	SPIROXAMINE	0.01	ppm	0.1	ND
BIFENAZATE	0.01	ppm	0.1	ND	TEBUCONAZOLE	0.01	ppm	0.1	ND
BIFENTHRIN	0.01	ppm	0.1	ND	THIACLOPRID	0.01	ppm	0.1	ND
BOSCALID	0.01	PPM	0.1	ND	THIAMETHOXAM	0.05	ppm	0.5	ND
CARBARYL	0.05	ppm	0.5	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0.05	PPM	5	ND
CARBOFURAN	0.01	ppm	0.1	ND	TOTAL DIMETHOMORPH	0.02	PPM	0.2	ND
CHLORANTRANILIPROLE	0.1	ppm	1	ND	TOTAL PERMETHRIN	0.01	ppm	0.1	ND
CHLORMEQUAT CHLORIDE	0.1	ppm	1	ND	TOTAL SPINETORAM	0.02	PPM	0.2	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	TOTAL SPINOSAD	0.01	ppm	0.1	ND
CLOFENTEZINE	0.02	ppm	0.2	ND	TRIFLOXYSTROBIN	0.01	ppm	0.1	ND
COUMAPHOS	0.01	ppm	0.1	ND	PENTACHLORONITROBENZENE (PCNB)	0.01	PPM	0.15	ND
DAMINOZIDE	0.01	ppm	0.1	ND	PARATHION-METHYL *	0.01	PPM	0.1	ND
DIAZINON	0.01	ppm	0.1	ND	CAPTAN *	0.025	PPM	0.7	ND
DICHLORVOS	0.01	ppm	0.1	ND	CHLORDANE *	0.01	PPM	0.1	ND
DIMETHOATE	0.01	ppm	0.1	ND	CHLORFENAPYR *	0.01	PPM	0.1	ND
ETHOPROPHOS	0.01	ppm	0.1	ND	CYFLUTHRIN *	0.01	PPM	0.5	ND
ETOFENPROX	0.01	ppm	0.1	ND	CYPERMETHRIN *	0.01	PPM	0.5	ND
ETOXAZOLE	0.01	ppm	0.1	ND					
FENHEXAMID	0.01	ppm	0.1	ND					
FENOXYCARB	0.01	ppm	0.1	ND					
FENPYROXIMATE	0.01	ppm	0.1	ND					
FIPRONIL	0.01	ppm	0.1	ND					
FLONICAMID	0.01	ppm	0.1	ND					
FLUDIOXONIL	0.01	ppm	0.1	ND					
HEXYTHIAZOX	0.01	ppm	0.1	ND					
IMAZALIL	0.01	ppm	0.1	ND					
IMIDACLOPRID	0.04	ppm	0.4	ND					
KRESOXIM-METHYL	0.01	ppm	0.1	ND					
MALATHION	0.02	ppm	0.2	ND					
METALAXYL	0.01	ppm	0.1	ND					
METHIOCARB	0.01	ppm	0.1	ND					
METHOMYL	0.01	ppm	0.1	ND					
MEVINPHOS	0.01	ppm	0.1	ND					
MYCLOBUTANIL	0.01	ppm	0.1	ND					
NALED	0.025	ppm	0.25	ND					
OXAMYL	0.05	ppm	0.5	ND					
PACLOBUTRAZOL	0.01	ppm	0.1	ND					
PHOSMET	0.01	ppm	0.1	ND					
PIPERONYL BUTOXIDE	0.3	ppm	3	ND					
PRALLETHRIN	0.01	ppm	0.1	ND					
PROPICONAZOLE	0.01	ppm	0.1	ND					



Pesticides

PASSED

Analyzed by 1850, 1541
Weight 1.0014g
Extraction date 05/20/21 12:05:30
Extracted By 1791, 1791
Analysis Method - SOP.T.30.065, SOP.T.40.065, SOP.T.40.066, SOP.T.40.070, SOP.T.30.065, SOP.T.40.070
Analytical Batch - GA026334PES, GA026351VOL
Reviewed On - 05/20/21 08:43:49
Instrument Used - GA-LCMS-001 Pes, GA-GCMS-003 Triple Quad Pest (Indica)
Running On : 05/20/21 16:27:33, 05/20/21 15:05:59
Batch Date : 05/20/21 08:40:06

Reagent	Dilution	Consums. ID
050621.R21	10	282066106
060920.24		VAV-09-1020 Lot# 947.077
051421.R12		6970145500298
051421.R05		VAV-09-1020 (947.077) / ALK-09-1412 (9291.179)
		P734631 / P7411895
		16466-042

Pesticide screen is performed using LC-MS and/or GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 67 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and GCMSMS.
 SOP.T.40.065/SOP.T.40.066/SOP.T.40.070 Procedure for Pesticide Quantification Using LCMS and GCMS). * Volatile Pesticide screening is performed using GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Analytes marked with an asterisk were tested using GC-MS.

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Rob Bruton
 Lab Director

 State License # CMTL-0001
 ISO Accreditation # ISO/IEC
 17025:2017 Accreditation
 PJLA-Testing 97164


 Signature

05/25/21

Signed On



Certificate of Analysis

PASSED

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Quincy, FL, 32351, US
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Email: Carlos.Ledezma@trulieve.com

Sample : GA10519002-005
Harvest/LOT ID: 15928_0000432056
Batch# : 19246_0000432056
Sampled : 05/19/21
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Sample Size Received : 45.5 gram
Total Weight/Volume : 3233 gram
Completed : 05/25/21 **Expires:** 05/25/22
Sample Method : SOP.T.20.010

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	Microbials	PASSED
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Analyte	LOD	Result	Action Level (cfu/g)
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.	
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.	
ASPERGILLUS_FLAVUS		not present in 1 gram.	
ASPERGILLUS_FUMIGATUS		not present in 1 gram.	
ASPERGILLUS_TERREUS		not present in 1 gram.	
ASPERGILLUS_NIGER		not present in 1 gram.	
TOTAL YEAST AND MOLD	10	24000 CFU	100000

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041
Analytical Batch -GA026328MIC , GA026329TYM **Batch Date :** 05/19/21, 05/19/21
Instrument Used : GA-093 PathogenDx Scanner (MIC), GA-093 PathogenDx Scanner (QUANT)
Running On : 05/20/21, 05/20/21

Analyzed by	Weight	Extraction date	Extracted By
2119, 1828	0.98g	05/19/21	1828,

Reagent	Dilution
020121.45 080120.R01 032421.R19	10

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing. Pour-plating is used for quantitation and confirmation, Total Yeast and Mold has an action limit of 100,000 CFU.

	Mycotoxins	PASSED
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Analyte	LOD	Units	Result	Action Level (PPM)
AFLATOXIN G2	0.002	ppm	ND	0.02
AFLATOXIN G1	0.002	ppm	ND	0.02
AFLATOXIN B2	0.002	ppm	ND	0.02
AFLATOXIN B1	0.002	ppm	ND	0.02
OCHRATOXIN A	0.002	ppm	ND	0.02

Analysis Method -SOP.T.30.065, SOP.T.40.065
Analytical Batch -GA026376MYC | **Reviewed On** - 05/24/21 08:30:24
Instrument Used : GA-LCMS-001 MYC
Running On : 05/20/21 16:27:40
Batch Date : 05/20/21 14:16:44

Analyzed by	Weight	Extraction date	Extracted By
1850	1.0014g	05/20/21 02:05:15	1791

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Aflatoxin B1, B2, G1, and G2 must individually be <20ug/Kg. Ochratoxins must be <20ug/Kg.

	Heavy Metals	PASSED
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Reagent	Reagent	Dilution	Consums. ID
010821.13 051921.R17 051321.R11 051721.R33 010421.50 081420.12	031521.R36 052021.R15	50	190624060 106557-04-091619

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	PPM	ND	0.2
CADMIUM	0.02	PPM	ND	0.2
MERCURY	0.02	PPM	ND	0.2
LEAD	0.05	PPM	ND	0.5

Analyzed by	Weight	Extraction date	Extracted By
1541	0.5033g	05/20/21 01:05:59	2507

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -GA026333HEA | **Reviewed On** - 05/21/21 10:07:50
Instrument Used :
Running On : 05/20/21 15:04:28
Batch Date : 05/20/21 08:38:07

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS.

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Signature

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